BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No :2nd Part Bill

Item No: **28**

BARBENDING SCHEDULE FOR COLUMNS

Sl No	Descriptions	Dia of bars	No	L	Total length	ITEM	20	16	12	8
Item Name	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications complete as per the direction of the Engineer in-charge. For columns ,beams , sump tank , roof slab, misc. works.									
	Measurement recorded on									
1	**Column -C 10 (230X 600)**									
		20	12	6.00	72.00	2	354.24	-	-	-
	Stirrups @ 230c/c full ring	8	18	1.60	28.87	2	-	-	-	22.52
	half rings-3 nos	8	18	1.40	25.27	6	-	-	-	59.14
2	**Column -C 9 (230X 600)**									
		20	4	6.00	24.00	1	59.04	-	-	-
		16	8	6.00	48.00	1		75.84		
	Stirrups @ 230c/c full ring	8	18	1.62	29.16	1	-	-	-	11.37
	half rings- 3 nos	8	18	1.42	25.56	3	-	-	-	29.91
3	**Column -C 8 (230X 600)**									
		16	8	6.00	48.00	1	-	75.84	-	-
		12	4	6.00	24.00	1		-	21.48	
	Stirrups @ 230c/c full ring	8	18	1.62	29.16	1	-	-	-	11.37
	half rings - 3nos	8	18	1.42	25.56	3	-	-	-	29.91

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R.R. Nagar

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					TOTAL(KGS)	413 28	151 68	21 48	164 21	
					TOTAL(Tonne)				**0.75**	
								Approved BOQ qty	**54.73**	ton
								Qty paid in 1st Bill	**22.19**	
	(a)	Roof beam Qty in this bill as per page ( )							**9.68**	
	(b)	Roof Slab Qty in this bill as per page (							**15.57**	
	(c)	First floor column Qty as per page (							**0.75**	
	(e)	retaining wall Qty in this bill as per page (							**11.39**	
								total Qty in this Bill	**37.40**	ton
								total qty 1st+2nd bill -	**59.59**	ton
								Qty payable in this Bill	**32.54**	**ton**
								Qty reserved	**4.86**	ton

Contractor Representative

Assistant Engineer
Project-RR Nagara
BBMP

Consultant Representative

Asst.Executive Engineer
Project-RR Nagara
BBMP

A.E.E (P)
R.R. Nagar.

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	19	
Item Name	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Foundations, footings , bases of columns for mass concrete including cost of all materials, labour complete as per specifications. complete as per the direction of the Engineer in-charge.	

	Description of work	Side	No	Length	Breadth	Depth	Qty	Remark
				m	m	m		
	RETAINING WALL							
	Raft		2	91.7		0.45	82.53	
			2	2.6		0.45	2.34	
	vertical wall		2	91.7		3.2	586.88	
	pillar-foooting -PCC sides		21	7.2		0.15	22.68	
	pillar-foooting concrete		21	6		0.35	44.10	
						Total Qty	**738.53**	**Sqm**
					Approved BOQ qty		**414.86**	**Sqm**
				Qty paid in 1st Bill			**329.43**	**Sqm**
				Total Work Done Qty			**1,067.96**	**Sqm**
				Qty payable in this Bill			**85.43**	**Sqm**
				Qty reserved			**653.10**	**Sqm**

A.E.E (P)
R.R. Nagar.

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
12/6/24

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on :-

Item No: **20**

Item Name: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of Beams, beam haunchings, cantilever girders, bressumers & Lintels & not exceeding 1 0 m in depth including cost of all materials, labour complete as per specifications.

	Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
	ROOF BEAM							
	IB1 (230X450)	1	1	17.11		0.45	7.70	
		1	1	15.74		0.45	7.08	
	IB2 (230X450)	2	1	3.50		0.45	3.15	
	IB3 (230X450)	2	1	4.15		0.45	3.74	
		1	1	5.45		0.45	2.45	
		1	1	2.10		0.45	0.95	
		1	1	3.23		0.45	1.45	
	IB4 (230X450)	1	1	9.55		0.45	4.30	
		1	3	3.23		0.45	4.36	
		2	1	2.22		0.45	2.00	
		2	2	3.67		0.45	6.61	
		2	1	3.93		0.45	3.54	
		2	1	2.10		0.45	1.89	
		2	1	2.86		0.45	2.57	
		1	1	7.60		0.45	3.42	
		1	1	3.45		0.45	1.55	
		1	1	3.34		0.45	1.50	
		2	4	3.23		0.45	11.63	
		2	1	3.12		0.45	2.81	
		2	2	4.04		0.45	7.27	
		2	1	3.93		0.45	3.54	
		2	1	3.35		0.45	3.02	
		2	2	2.10		0.45	3.78	
		2	1	3.35		0.45	3.02	
	IB5 (230X450)	1	1	9.55		0.45	4.30	
		1	3	3.23		0.45	4.36	
		2	1	2.22		0.45	2.00	
		2	2	3.67		0.45	6.61	
		2	1	3.93		0.45	3.54	
		2	1	2.10		0.45	1.89	
		2	1	2.86		0.45	2.57	
		1	1	7.60		0.45	3.42	
		1	1	3.45		0.45	1.55	
		1	1	3.34		0.45	1.50	
		2	4	3.23		0.45	11.63	
		2	1	3.12		0.45	2.81	
		2	2	4.04		0.45	7.27	
		2	1	3.93		0.45	3.54	
		2	1	3.35		0.45	3.02	
		2	2	2.10		0.45	3.78	
		2	1	3.35		0.45	3.02	
	IB7 (230X450)	1	4	6.48		0.45	11.66	

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		1	2	4.15		0.45	3.74	
		1	4	2.10		0.45	3.78	
		1	2	12.92		0.45	11.63	
	IB8 (230X450)	1	2	8.18		0.45	7.36	
		1	2	2.77		0.45	2.49	
		2	2	3.23		0.45	5.81	
	IB8A (230X450))	1	2	3.12		0.45	2.81	
		1	1	10.73		0.45	4.83	
		3	2	3.23		0.45	8.72	
		1	1	3.24		0.45	1.46	
		1	1	2.65		0.45	1.19	
		1	1	1.93		0.45	0.87	
		1	1	1.12		0.45	0.50	
		1	1	4.11		0.45	1.85	
	IB9 & 9A (230X450)	2	2	2.10		0.45	3.78	
	IB 10 (230X450)	2	1	10.73		0.45	9.66	
		2	1	6.48		0.45	5.83	
		1	1	3.80		0.45	1.71	
		5	1	3.23		0.45	7.27	
		1	1	3.12		0.45	1.40	
		2	1	4.76		0.45	4.28	
		1	1	2.75		0.45	1.24	
		1	1	2.63		0.45	1.18	
		1	1	2.10		0.45	0.95	
	IB 11 (230X450)	1	1	6.48		0.45	2.92	
		1	1	4.76		0.45	2.14	
		1	1	2.75		0.45	1.24	
		1	1	2.10		0.45	0.95	
		1	2	2.63		0.45	2.37	
		1	3	2.10		0.45	2.84	
		1	2	2.43		0.45	2.19	
		1	1	2.75		0.45	1.24	
	IB 12	2	1	2.43		0.45	2.19	
		2	1	2.10		0.45	1.89	
	IB 13 & 13A (230X600)	1	2	10.73		0.6	12.88	
		3	1	3.23		0.6	5.81	
		2	1	3.23		0.6	3.88	
		1	1	3.12		0.6	1.87	
	IB 14 (230X450) BOTTOM	1	2	4.99		0.45	4.49	
	for sides	1	2	4.99		0.45	4.49	
		2	2	2.75		0.45	4.95	
		2	2	2.10		0.45	3.78	
		2	2	2.63		0.45	4.73	
	IB 15 PORTICO	1	1	7.80		0.23	1.79	
		1	1	7.80		0.6	4.68	
		2	1	2.51		0.6	3.01	
		1	1	2.10		0.6	1.26	
	IB18A & 15B (150X450)	2	5	1.52		0.45	6.84	
		1	5	1.52		0.23	1.75	
		2	6	6.00		0.6	43.20	
	IB 16	2	8	3.11		0.45	22.39	
	IB17	1	8	3.11		0.23	5.72	
		1	8	3.11		0.15	3.73	
		2	8	3.11		0.23	11.44	
		2	12	6.00		0.6	86.40	
	IB 19							

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	IB 20 bottom	2	1	3.90		0.23	1.79	
	IB 20	1	1	8.03		0.6	4.82	
		2	1	3.90		0.6	4.68	
	IB21	1	2	6.00		0.6	7.20	
		1	2	1.73		0.6	2.08	
		1	2	3.11		0.6	3.73	
		2	2	2.10		0.6	5.04	
		2	2	3.11		0.6	7.46	
		2	2	3.90		0.6	9.36	
		1	2	6.00		0.6	7.20	
		2	2	6.00		0.6	14.40	
	IB 22	2	10	0.56		0.45	5.04	
		2	2	0.68		0.45	1.22	
		12	2	2.31		0.45	24.95	
		1	2	1.38		0.45	1.24	
	IB 23 bottom	2	1	2.89		0.23	1.33	
		2	2	2.89		0.45	5.20	
	IB24	3	1	6.00		0.6	10.80	
		1	1	4.40		0.6	2.64	
		1	1	2.17		0.6	1.30	
	IB 25 - 27 PORTICO	1	4	5.27		0.23	4.85	
		2	4	5.27		0.6	25.30	
	IB25 & 27VERTICAL	2	2	4.27		0.6	10.25	
		1	2	4.27		0.6	5.12	
		2	2	3.11		0.6	7.46	
		1	2	3.11		0.6	3.73	
		1	2	1.73		0.6	2.08	
		1	2	1.38		0.6	1.66	
	IB 26, IB 28, IB 29	1	4	2.10		0.23	1.93	
		2	4	2.10		0.6	10.08	
	IB 28	4	1	6.00		0.6	14.40	
	IB 29	3	1	6.00		0.6	10.80	
		2	1	3.60		0.6	4.32	
		2	1	2.17		0.6	2.60	
	IB 30	2	1	6.00		0.6	7.20	
		2	1	3.60		0.6	4.32	
		2	1	2.17		0.6	2.60	
	IB30A	1	1	3.60		0.23	0.83	
		2	1	3.60		0.45	3.24	
	IB 31	1	1	6.00		0.23	1.38	
		2	1	6.00		0.6	7.20	
		2	1	3.6		0.6	4.32	
	First floor	2	1	5.97		0.23	2.75	

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		2	2	6.2		0.45	11.16		
		2	1	4.06		0.45	3.65		
						Total Qty	799.89	Sqm	
					Approved BOQ qty		1395.34	Sqm	
					Qty paid in 1st Bill		814.38	Sqm	
					Total Work Done		1,614.27	Sqm	
					Qty payable in this Bill		580.96	Sqm	
					Total Qty Retained		218.93	Sqm	

Contractor Representative

Consultant Representative

A.E.E(P)
R.R.Nagar

B.K.

Assistant Engineer
Project-RR Nagara

Asst.Executive Engineer
Project-RR Nagara

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	**21**
Item Name	Providing and removing centering, shuttering, strutting, propping etc., for Columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification.

Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
Compound pillars	1	21		1.06	2.7	60.10	Sqm
					Total Qty	**60.10**	**Sqm**
				Approved BOQ qty		**576.27**	**Sqm**
				Qty paid in 1st Bill		**322.12**	**Sqm**
				Total Work Done		**382.22**	**Sqm**
				Qty payable in this Bill		**60.10**	**Sqm**

A.E.E (P)
R.R.Nagar

Contractor Representative

QUALITY CONSULTANTS & ENGG. Bangalore

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	22	
Item Name	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Flat surface such as suspended floors,roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50mtrs.	

	Description of work	Side	No	Length	Breadth	Depth	Qty	Remark
				m	m	m		
	roof area		1	39.51		33.45	1321.6095	
	Portico		1	5.5		8.05	44.275	
	First floor slab		1	6.02		4.06	24.4412	
	Deduct(-)		4	0.68		3.12	-8.4864	
	open to sky		1	8.03		12.92	-103.7476	
	staircase		1	3.92		3.6	-14.112	
	front offset		2	1.385		10.5	-29.085	
	front offset		1	9.33		6.00	-55.98	
	at SW corners		1	2.17		5.79	-12.5643	
			1	3.6		7.26	-26.136	
						Total Qty	**1140.2144**	**Sqm**
						Approved BOQ qty	**1079.08**	**Sqm**
						Qty paid in 1st Bill	**24.47**	**Sqm**
						Total Work Done Qty	**1,164.68**	**Sqm**
						Qty payable in this Bill	**1054.61**	**Sqm**
						Total Qty For Reserved	**85.60**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

Asst.Executive Engineer
Project-RR Nagara
BBMP

A.E.E (P)
R.R. Nagar

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BRUHATH BANGALORE MAHANAGARA PALIKE								
Name of Agency :- M/s.K R Govindaraju								
Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17								
Bill No 2nd Part Bill								
Measurement recorded on:-								
Item No:	**23**							
Item Name	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. complete as per the direction of the Engineer in-charge.							
	Description of work	**Side**	**No**	**Length** m	**Breadth** m	**Depth** m	**Qty**	**Remark**
	total beam sides allround		2	36.15		0.175	12.65	Sqm
			2	25.61		0.175	8.96	
			2	1.73		0.175	0.61	
			2	5.5		0.175	1.93	
			1	8.05		0.175	1.41	
			2	6.23		0.175	2.18	
			2	12.92		0.175	4.52	
			2	9.54		0.175	3.34	
						Total Qty	**35.60**	**Sqm**
						Approved BOQ qty	**47.90**	**Sqm**
						Qty payable ~~in this~~ Bill	**35.60**	**Sqm**

A.E.E (P)
R.R. Nagar

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	13
Item Name	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) M30 grade complete as per the direction of the Engineer in-charge.

Description of work	Side	No	Length	Breadth	Depth	Qty	Remark
			m	m	m		
for retaining wall vertical		1	91.7	0.2	3.2	58.69	
Compound plinth beam		1	54.7	0.23	0.4	5.03	
Compound - columns		21	0.23	0.3	2.0	2.90	
ROOF BEAM Concrete							
IB1 (230X450)		1	17.1	0.23	0.3	1.18	
IB2 (230X450)		1	3.97	0.23	0.3	0.27	
IB3 (230X450)		1	10.395	0.23	0.3	0.72	
IB4 (230X450)		1	39.53	0.23	0.3	2.73	
IB5 (230X450)		1	39.53	0.23	0.3	2.73	
IB7 (230X450)		2	18.06	0.23	0.3	2.49	
GB8 (230X450)		2	13.32	0.23	0.3	1.84	
GB8A(230X450))		2	10.73	0.23	0.3	1.48	
GB9 (230X450)		1	2.17	0.23	0.3	0.15	
GB9A (230X450)		1	2.17	0.23	0.3	0.15	
GB 10 (230X450)		1	39.53	0.23	0.3	2.73	
GB 11 (230X450)		1	18.03	0.23	0.3	1.24	
IB 12		2	5.22	0.23	0.3	0.72	
GB 13 (230X600)		1	10.96	0.23	0.45	1.13	
GB 13A (230X600)		1	11.17	0.23	0.45	1.16	
GB 14 (230X450)		1	18.03	0.23	0.3	1.24	
IB 15 PORTICO		1	8.04	0.23	0.3	0.55	
IB 16		6	6.46	0.23	0.45	4.01	
IB17		8	3.115	0.23	0.3	1.72	
IB18		8	3.115	0.23	0.3	1.72	
IB 19		12	6	0.23	0.45	7.45	
IB 20		1	7.8	0.23	0.45	0.81	
IB21		2	28.84	0.23	0.45	5.97	
IB 22		10	2.31	0.23	0.3	1.59	
IB 23		1	7.8	0.23	0.3	0.54	
IB24		1	11.77	0.23	0.45	1.22	
IB 25 - 27 PORTICO		4	12.66	0.23	0.45	5.24	
IB 28		1	14.11	0.23	0.45	1.46	
IB 29		1	14.11	0.23	0.45	1.46	
IB 30		1	11.78	0.23	0.45	1.22	
IB30A		1	3.6	0.23	0.45	0.37	
IB 31		1	9.6	0.23	0.45	0.99	
First floor						0.00	
roof beam		2	6.46	0.23	0.60	0.84	

EE (P) RBLN

A.E.E (P)
K.R.Nagar

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			2	6.02	0.23	0.45	1.25		
	ROOF SLAB								
	Roof area		1	39.51	33.45	0.15	198.24		
	Portico		1	5.5	8.05	0.15	6.64		
	Deduct								
	Bathroom offsets		-4	0.68	3.115	0.15	-1.27		
	open to sky		-1	8.03	12.92	0.15	-15.56		
	front offset		-2	1.385	10.5	0.15	-4.36		
	at SW corners		-1	9.33	6	0.15	-8.40		
	at NW corners		-1	2.17	5.79	0.15	-1.88		
			-1	3.6	7.26	0.15	-3.92		
	staircase		-1	3.92	3.6	0.15	-2.12		
	staircase								
	Waist Slab 3rd		1	1.2	0	0.175	0.64		
	steps		10	1.2	3.05	0.15	5.42		
	First Floor slab		1	4.06	6.02	0.15	3.67		
						Total Qty	304.09		
						Approved BOQ qty	**377.66**	**Cum**	
						Qty paid in 1st Bill	**117.52**	**Cum**	
						Total Work Done Qty	**421.61**	**Cum**	
						Qty payable in this Bill	**260.14**	**Cum**	
						Qty reserved	**43.95**	**Cum**	

E.E (P) R.R.N
A.E.E (P)
R.R. Nagar.

Contractor Representative

Assistant Engineer
Project-RR Nagara
BBMP

4/10/2021

Consultant Representative

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	144
Item Name	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary a) 19mm dia 2mm thick, complete as per the direction of the Engineer in-charge.

	Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
	electrical pipes running before concreting the slab		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	

							30.00	
			1	30.00			20.00	
			1	20.00			**800.000**	
						Total Qty	**800.00**	**Rmt**
					Approved BOQ qty		**800.00**	**Rmt**
			Qty payable in this Bill					

A.E.E (P)
R.R.Nagar

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

4/10/2024

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	33

Item Name: Providing and constructing Burnt Brick Masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. TERRACE FLOOR. complete as per the direction of the Engineer in-charge.

	Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
	First floor Stair case head room	1	2	5.35	0.23	3.15	7.75	
		1	2	3.60	0.23	3.15	5.22	
	FF parapet western side excluding head room wall)	1	1	33.50	0.23	0.85	6.55	
	Eastern side	1	1	39.50	0.23	0.85	7.72	
	Nortern side (excluding head room wall	1	1	35.87	0.23	0.85	7.01	
	Southern side	1	1	39.70	0.23	0.85	7.76	
	Deductions:-						-0.97	
	CG	1	1	2.0	0.23	2.1	**41.05**	
						Total Qty	**41.90**	**Cum**
						Approved BOQ qty	**41.05**	**Cum**
						Qty payable in this Bill		

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
4/10/2021

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	145
Item Name	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary b) 25mm dia 2mm thick, complete as per the direction of the Engineer in-charge.

	Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
	electrical pipes running before concreting the slab		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
						Total Qty	**300.000**	**Rmt**
						Approved BOQ qty	**300.00**	**Rmt**
						Qty payable in this Bill	**300.00**	**Rmt**

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP
9/10/2017

Asst.Executive Engineer
Project-RR Nagara
BBMP

A.E.E (P)
R.R. Nagar

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Agency :- M/s.K R Govindaraju

Name of Work:- Construction of Old age homes and other buildings in JP PARK ward No: 17

Bill No 2nd Part Bill

Measurement recorded on:-

Item No:	146
Item Name	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary c) 32mm dia 2.5mm thick, complete as per the direction of the Engineer in-charge.

	Description of work	Side	No	Length m	Breadth m	Depth m	Qty	Remark
	electrical pipes running before concreting the slab		1	20.00			20.00	
						Total Qty	**20.00**	**Rmt**
						Approved BOQ qty	**20.00**	**Rmt**
						Qty payable in this Bill	**20.00**	**Rmt**

A.E.E (P)
R.R.Nagar

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

4/10/2021

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Project-RR Nagara
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